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In re United States Patent Application of:)	Docket No.:	2771-546-CIP1
Applicants:)	Conf. No.:	8335
Application No.:)	Art Unit:	2856
Date Filed:)	Examiner:	Jacques M. Saint Surin
Title:)	Customer No.:	
NICKEL-COATED FREE-)		
STANDING SILICON)		
CARBIDE STRUCTURE FOR)		
SENSING FLUORO OR)		
HALOGEN SPECIES IN)		
SEMICONDUCTOR)		
PROCESSING SYSTEMS,)		
AND PROCESSES OF MAKI)		

23448

FACSIMILE TRANSMISSION CERTIFICATE

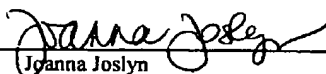
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Number of Pages (including cover)


Joanna Joslyn

December 30, 2005

Date

**SUBMISSION OF POWER OF ATTORNEY AND STATEMENT UNDER
37 CFR 3.73(b) FOR U.S. PATENT APPLICATION NO. 10/784,606**

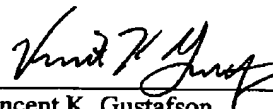
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

2771-546-CIP1

Enclosed and submitted herewith is a Power of Attorney to Prosecute Applications before the USPTO (Form PTO/SB/80), and a Statement Under 37 CFR 3.73(b) (Form PTO/SB/96) for the above-identified U.S. patent application.

Respectfully submitted,



Vincent K. Gustafson
Reg. No. 46,182
Attorney for Applicants

INTELLECTUAL PROPERTY/
TECHNOLOGY LAW
Phone: (919) 419-9350
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Attorney File No.: 2771-546-CIP1

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PTO/SB/80 (04-05)

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I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

23448

AND

☒ Practitioner(s) named below (If more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number
John Boyd	38,055		
Margaret Chappuis	45,735		

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

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OR

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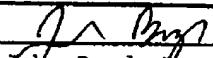
Assignee Name and Address:

Advanced Technology Materials, Inc.,
7 Commerce Drive
Danbury, Connecticut 06810

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/88 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	Oct. 12, 2005
Name	John Boyd, Esq.	Telephone	(203) 794-1100
Title	Chief Intellectual Property Counsel		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: DiMeo Jr., et al.Application No./Patent No.: 10/784,606Filed/Issued Date: February 23, 2004Entitled: NICKEL-COATED FREE-STANDING SILICON CARBIDE STRUCTURE FOR SENSING FLUORO OR HALOGEN SPECIES IN SEMICONDUCTOR PROCESSING SYSTEMS, AND PROCESSES OF MAKI

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, etc.)

states that it is:

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in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel/Frame 013683/0658, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Vincent K. Gustafson
Signature

December 30, 2005

Date

Vincent K. Gustafson
Printed or Typed Name

(919) 419-9350
Telephone Number

Attorney for Applicants
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Patent Assignment Abstract of Title

**NOTE: Results display only for issued patents and published applications.
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Total Assignments: 1

Patent #: NONE

Issue Dt:

Application #: 10273036 **Filing Dt:** 10/17/2002

Publication #: US20040074285 **Pub Dt:** 04/22/2004

Inventors: Frank Dimeo JR., Philip S. H. Chen, Jeffrey W. Neuner, James Welch, Michele Stawasz et al

Title: Apparatus and process for sensing fluoro species in semiconductor processing systems

Assignment: 1

Reel/Frame: 013683/0658

Recorded: 01/15/2003

Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

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Exec Dt: 10/14/2002

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Exec Dt: 10/21/2002

WELCH, JAMES

Exec Dt: 10/15/2002

STAWASZ, MICHELE

Exec Dt: 10/21/2002

BAUM, THOMAS H.

Exec Dt: 10/14/2002

KING, MACKENZIE E.

Exec Dt: 10/14/2002

CHEN, ING-SHIN

Exec Dt: 10/16/2002

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Exec Dt: 10/14/2002

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